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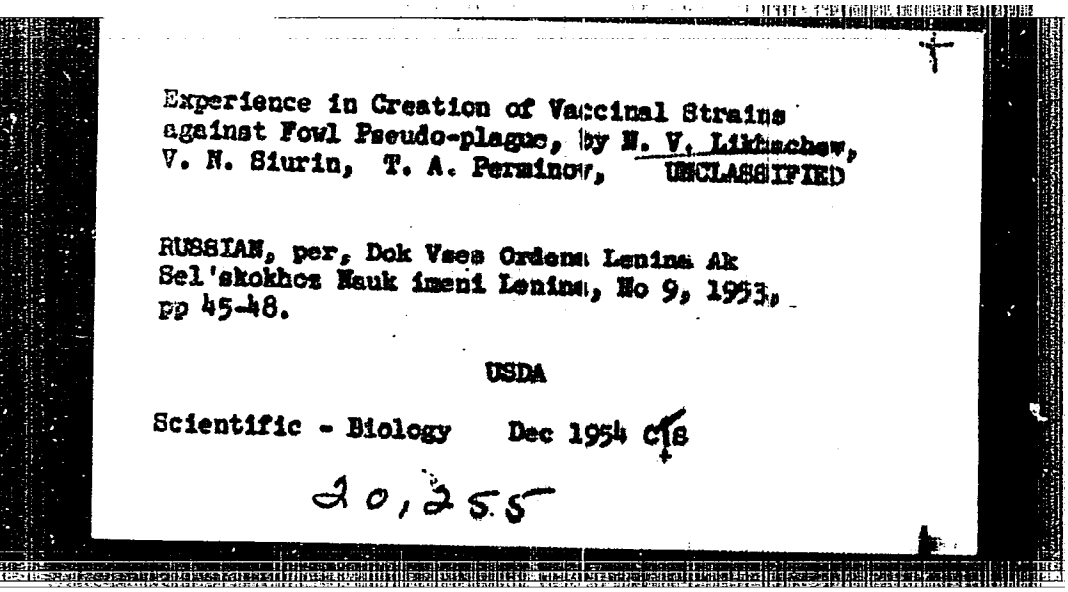

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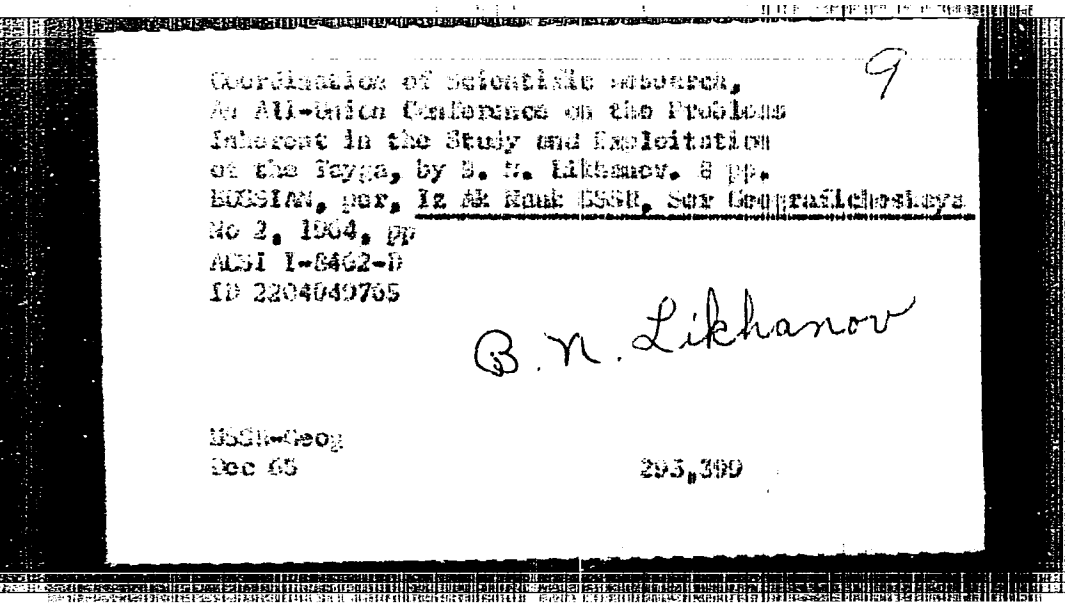

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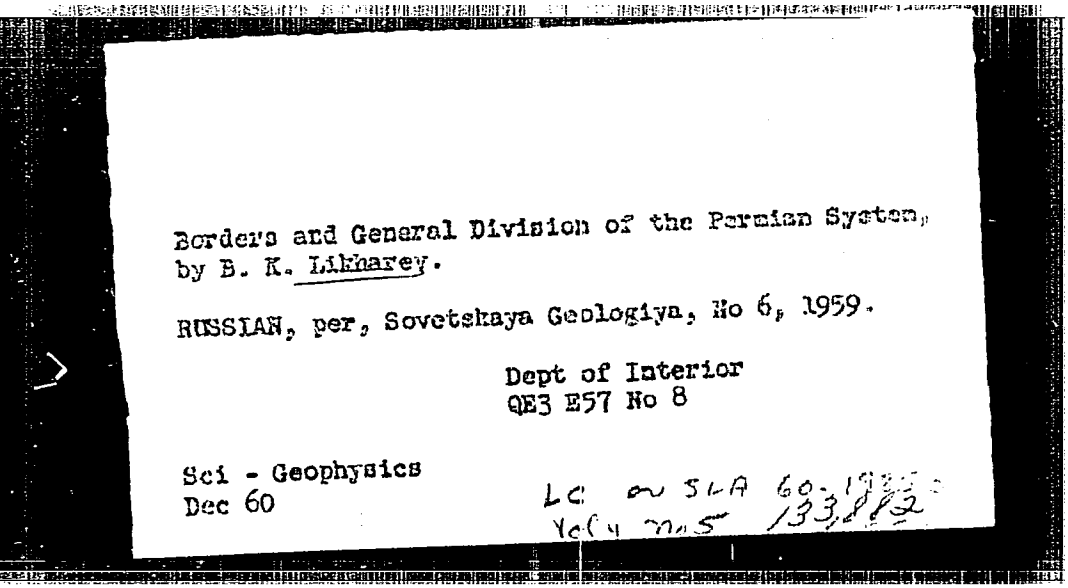

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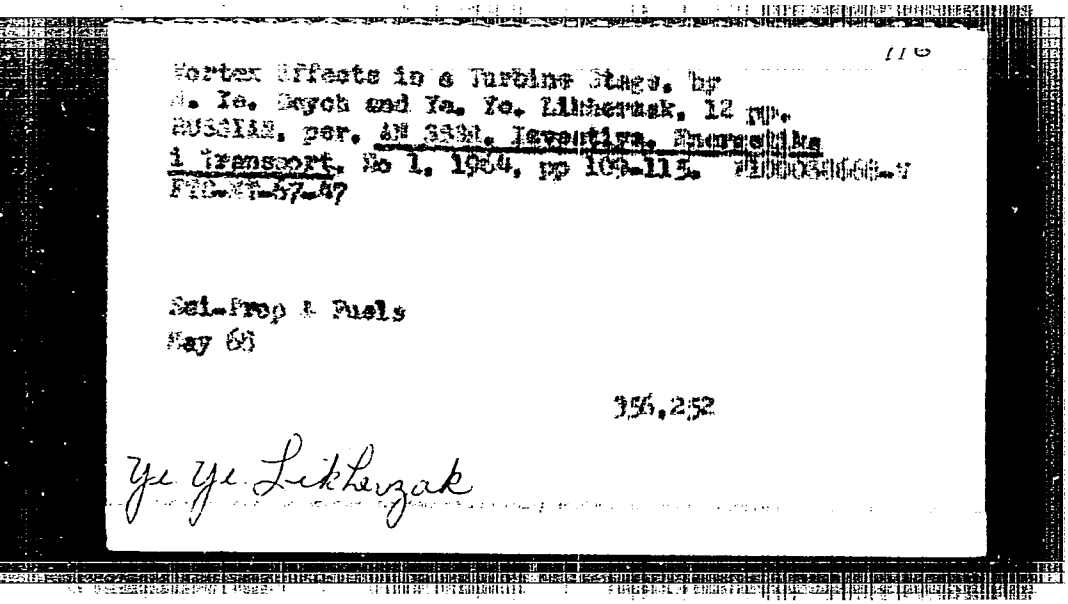

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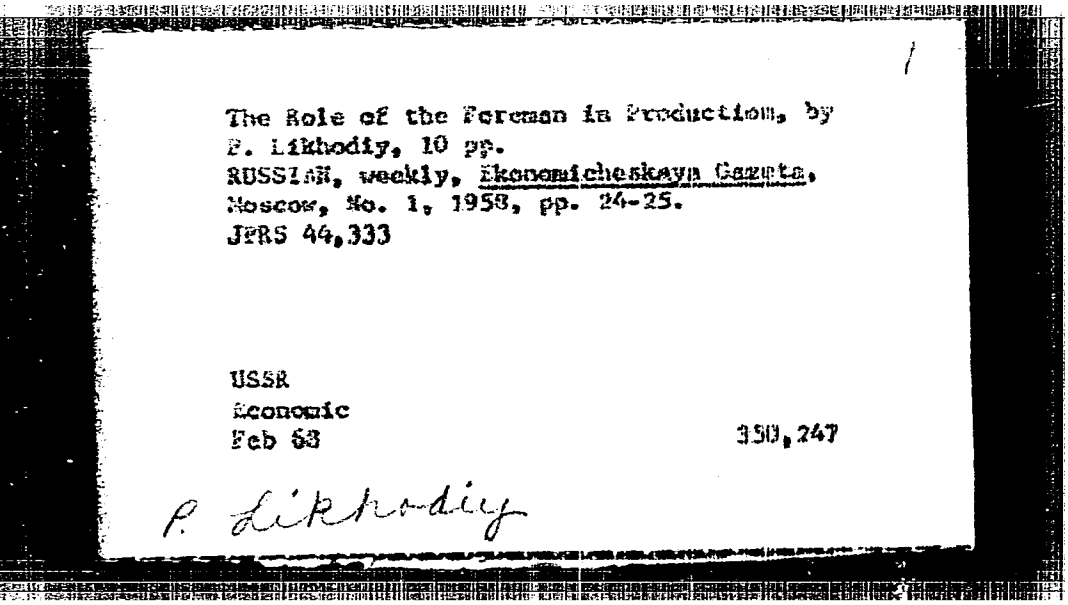

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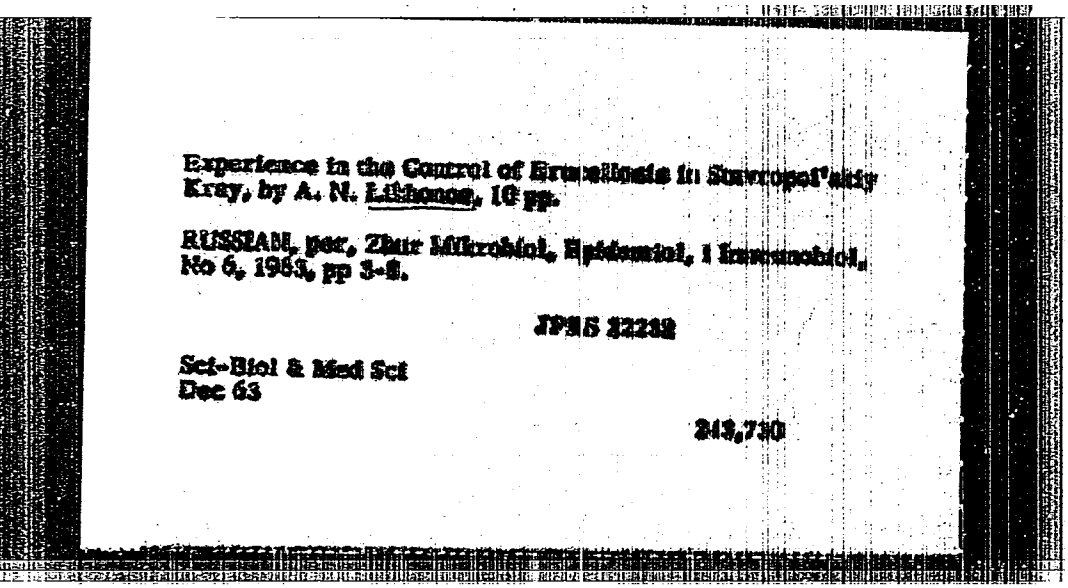

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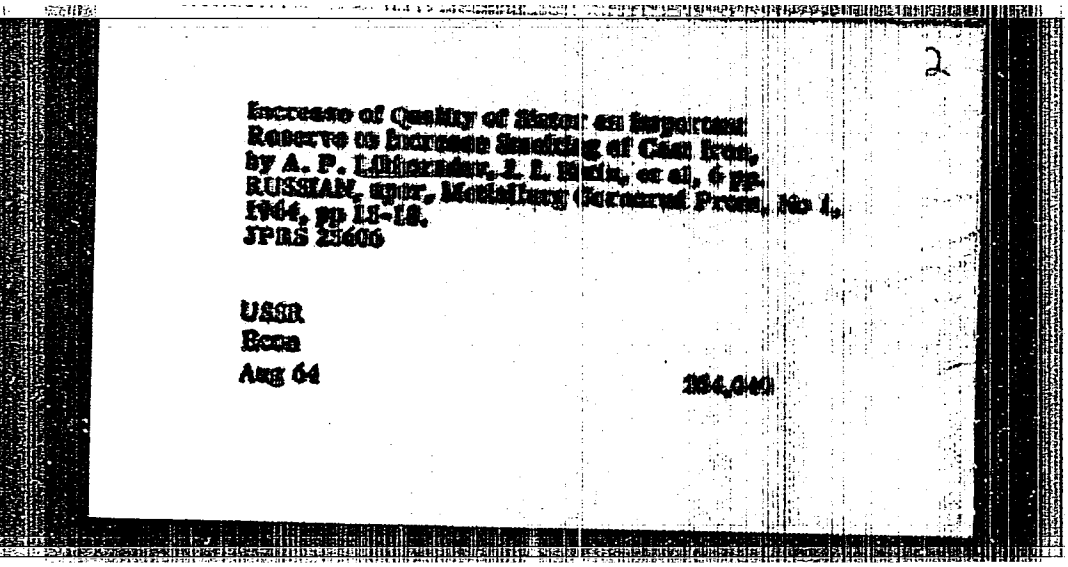

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(Chemistry--Organic, TT, v. 11, no. 3)

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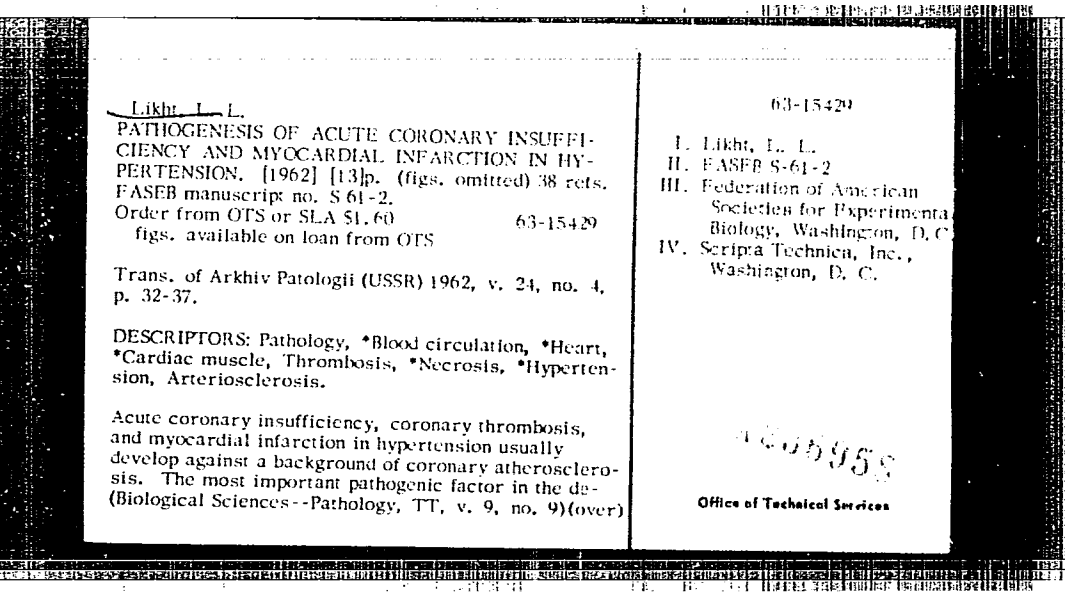

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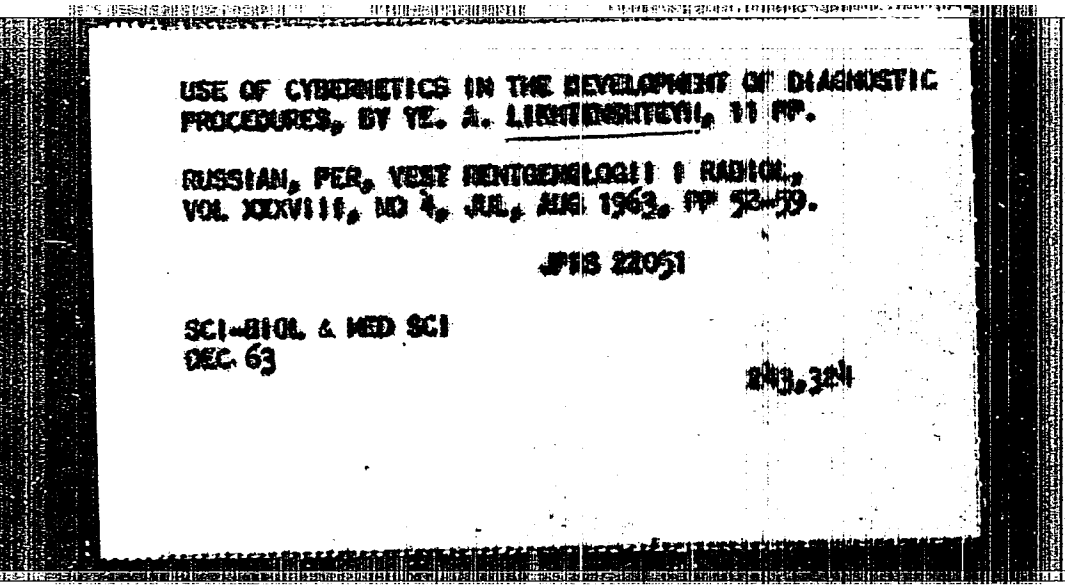

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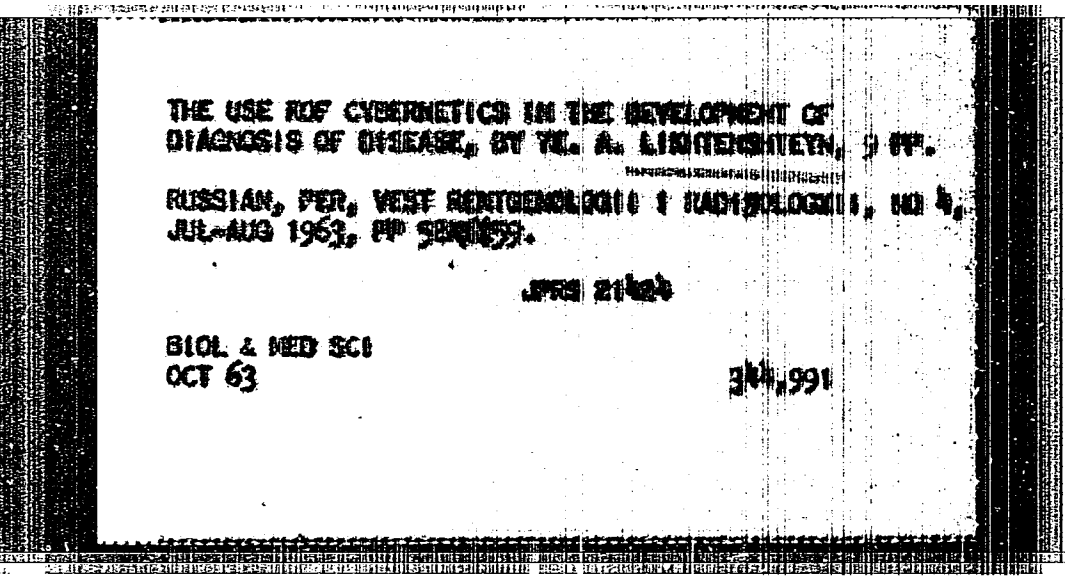

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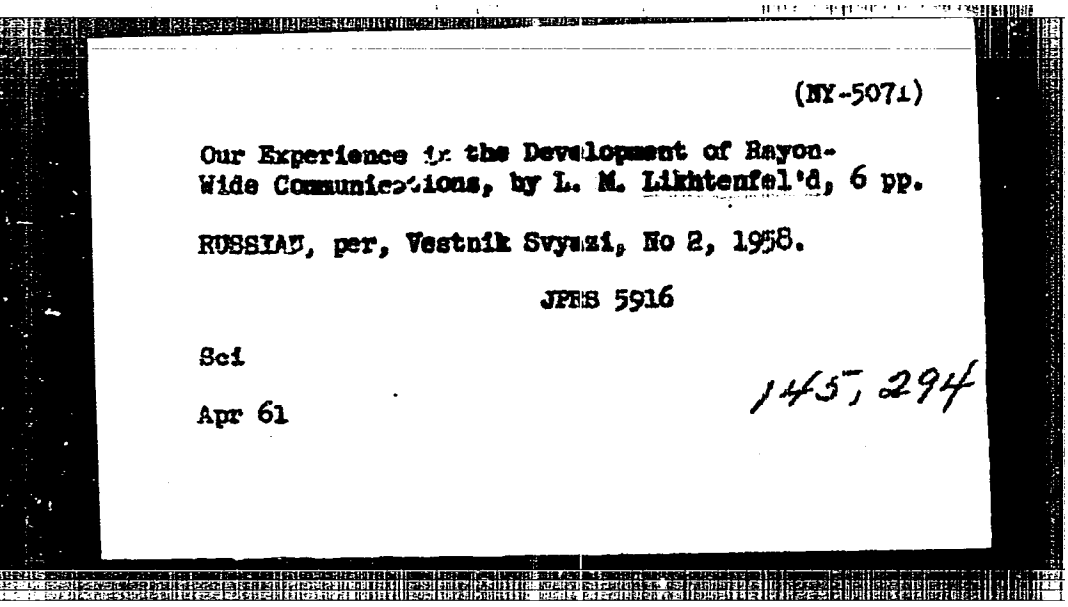

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FASEB Manuscript no.: S 163-3.
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Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) 1939, v. 9, p. 1916-1922.

DESCRIPTORS: *Thermochemistry, *Liquefied gases, Vapors, *Ethylenes, *Methanes, *Hydrogen, *Phase studies

(Chemistry--Physical, TT, v. 11, no. 3)

TT-61-16826

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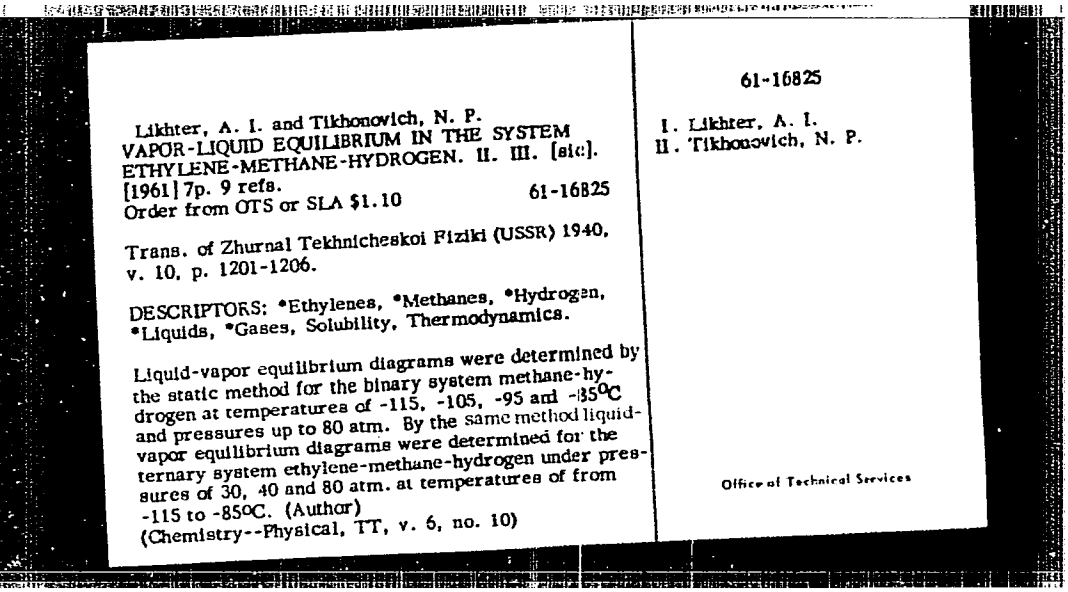

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Liquid-vapor equilibrium diagrams were determined by the static method for the binary system methane-hydrogen at temperatures of -115, -105, -95 and -85°C and pressures up to 80 atm. By the same method liquid-vapor equilibrium diagrams were determined for the ternary system ethylene-methane-hydrogen under pressures of 30, 40 and 80 atm. at temperatures of from -115 to -85°C. (Author)
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